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| FORM PTO-1390 (REV 1-98) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER 81844.0036 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | U.S. APPLICATION NUMBER (known to 37 C.F.R. 1.55) Not assigned |
| | | | 10/537959 |
| INTERNATIONAL APPLICATION NO. PCT/JP2003/015928 | INTERNATIONAL FILING DATE 12 December 2003 (12/12/03) | PRIORITY DATE CLAIMED 13 December 2002 (12/13/02) | |
| TITLE OF INVENTION Thermoplastic Polyimide Resin Film, Multilayer Body and Method for Manufacturing Printed Wiring Board Composed of Same | | | |
| APPLICANT(S) FOR DO/EO/US Shigeru TANAKA, Takashi ITOH, Masaru NISHINAKA, Kanji SHIMO-OHSAKO and Mutsuaki MURAKAMI | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | |
| Items 11. to 16. below concern document(s) or information included: | | | |
| <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input type="checkbox"/> Other items or information: | | | |

JC20 Rec'd PCT/PTO 07 JUN 2005

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|--|--|---|--|--|--|
| U.S. APPLICATION NUMBER (if known, see 37 C.F.R. 1.53) 10/537959 Not assigned | | INTERNATIONAL APPLICATION NUMBER PCT/JP2003/015928 | | ATTORNEY'S DOCKET NUMBER 81844.0036 | |
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|--|--------------|----------------|---|------------|--|----|
| 17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)): Basic National Fee \$300 National Stage Search Fee \$500 National Stage Examination Fee \$200 <div style="text-align: right;">TOTAL FEE AMOUNT =</div> | | | | | CALCULATIONS PTO USE ONLY | |
| | | | | | \$ 1000.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)). | | | | | \$ 0 | |
| CLAIMS | NUMBER FILED | NUMBER ALLOWED | NUMBER EXTRA | RATE | | |
| Total claims | 46 | 20 | 26 | X \$50.00 | 1300.00 | |
| Independent claims | 3 | 3 | 0 | X \$200.00 | 0 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | | | X \$360.00 360.00 | |
| SIZE FEE 171 (TOTAL PAGES OF SPEC AND DRAWINGS TOGETHER) | | | \$250 for each additional 50 sheets X \$250.00 | | 500.00 | |
| | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | | 3160.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are reduced by 1/2. | | | | | | |
| SUBTOTAL = | | | | | 3160.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). | | | | | \$ 0 | |
| TOTAL NATIONAL FEE = | | | | | 3160.00 | |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property + | | | | | \$ 40 | |
| TOTAL FEES ENCLOSED = | | | | | 3200.00 | |
| \$ | | | | | Amt. Refunded | \$ |
| | | | | | Amt. charged | |

a. ☒ Checks in the amounts of \$3160.00 and \$40.00 to cover the above fees are enclosed.

b. ☐ Please charge my Deposit Account No. 50-1314 in the amount of 0 to cover the above fees. A duplicate copy of this sheet is enclosed.


c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1314. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

☒ Customer Number 000026021 →

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 SIGNATURE
 Dariush G. Adli
 REG.NO. 51,386
 Express Mail Label No. EV 548 040 665 US
 Date: June 7, 2005

Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under 35 U.S.C. 371—PTO 1390 [13-7]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shigeru TANAKA et al.

Serial No: Not assigned

Filed: June 7, 2005

For: Thermoplastic Polyimide Resin Film, Multilayer Body and
Method for Manufacturing Printed Wiring Board
Composed of Same

Art Unit: Not assigned

Examiner: Not assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL
"Express Mail" Mailing Label No. EV 548 040 665 US
Date of Deposit: June 7, 2005

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ check in amount of \$ 3160.00 as filing fee, search fee and examination fee
- ☒ check in amount of \$ 40.00 as assignment recordation fee
- ☒ patent application (169 page(s) of specification; 46 claim(s); 1 page(s) of abstract
- ☒ 1 sheet(s) of formal drawings
- ☒ executed Declaration and Power of Attorney
- ☒ assignment of the invention to KANEKA CORPORATION
- ☒ Preliminary Amendment
- ☒ Information Disclosure Statement with 4 references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

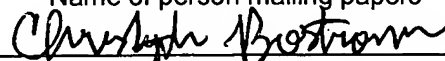
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Alexandria, VA 22313-1450

Date: June 7, 2005

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Christopher Bostrom

Name of person mailing papers


Signature